

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-5 (cancelled).

Claim 6 (Previously presented). A method of producing a bioactive peptide, wherein said peptide is 7 to 25 amino acids in length, has at least 3 cationic amino acids and is capable of forming an amphipathic α -helix, which method comprises identification of a cationic sector and division of the remaining part of the peptide into three further sectors which are substantially equal in size, incorporation into the sector opposite the cationic sector of no more than 1 bulky and lipophilic amino acids, incorporation into the two sectors flanking the cationic sector of 2 or more bulky and lipophilic amino acids, and synthesis of said peptide.

Claim 7 (cancelled).

Claim 8 (Previously presented) A method as claimed in claim 6 wherein one or more of the bulky and lipophilic amino acids is tryptophan or an analogue thereof.

Claim 9 (Previously presented). A method as claimed in claim 6 or 8 wherein all of the bulky and lipophilic amino acids are tryptophan or analogues thereof.

Claim 10 (Cancelled).

Claim 11 (Previously presented). A method as claimed in claim 6, 8 or 9 wherein the peptide is 12 to 25 amino acids in length.

Claim 12 (Cancelled).

Claim 13 (Previously presented). A method as claimed in claim 6, 8, 9 or 24 wherein the peptide comprises at least 7 cationic residues.

Claims 14-19 (Cancelled).

Claim 20 (Previously presented) A method for the production of a pharmaceutical composition comprising a method of peptide production as claimed in claim 6 and mixing of the compound prepared thereby or a derivative thereof with a pharmaceutically acceptable carrier.

Claims 21-23 (Cancelled).

Claim 24 (Previously presented). A method as claimed in claim 6, 8 or 9 wherein the peptide comprises at least 5 cationic residues.